

# WEST Search History for Application 10579817

Creation Date: 2012010311:38

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
6610412.pn. or 5981625.pn. or 4705568.pn. or 4649848.pn.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
(6610412.pn. or 5981625.pn. or 4705568.pn. or 4649848.pn. ) and (ketone or formaldehyde or aldehyde)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
(ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) ) and (metal or organometallic or tetraisopropyltitanate)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) ) and (ketone or formaldehyde or aldehyde).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
		ADJ	YES	DTIC	06-25-2011

((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD				
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. ) and (phosphate or organophosphorus or phosphonate or phosphonic).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. ) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) ) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
(ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) ) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. )	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

<p>tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. ) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab.</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

(formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. )					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. ) and (adhesion or adhesive or adhered)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or	PGPB, USPT, EPAB, JPAB,	ADJ	YES	DTIC	06-25-2011

<p>tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) ) and ink</p>	DWPI, TDBD				
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

<p>(metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

<p>(phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011



organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

<p>(ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and (adhesion or adhesive or adhered).ab.</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	06-25-2011

organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. ) and (adhesion or adhesive or adhered).ab.					
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<p>organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered).ab. ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink and (adhesion or adhesive or adhered).ab. )</p>					
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	JPAB, DWPI, TDBD				
<b>(6610412.pn. or 5981625.pn. or 4705568.pn. or 4649848.pn. ) and (ketone or formaldehyde or aldehyde)</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>(ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic)</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) ) and (metal or organometallic or tetraisopropyltitanate)</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium)</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) ) and (ketone or formaldehyde or aldehyde).ab.</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab.</b>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
<b>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or</b>	PGPB, USPT, EPAB, JPAB, DWPI,	ADJ	YES	DTIC	01-03-2012

formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. ) and (phosphate or organophosphorus or phosphonate or phosphonic).ab.	TDBD				
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. ) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) ) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
(ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) ) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) ) and (ketone	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012

near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate))					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate))) ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. )	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate))) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. ) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or	PGPB, USPT, EPAB,	ADJ	YES	DTIC	01-03-2012

organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. )	JPAB, DWPI, TDBD				
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012



<p>(metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. ) and (adhesion or adhesive or adhered)</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. ) and (adhesion or adhesive or adhered)</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012

<p>phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) ) and ink</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or</p>	<p>PGPB, USPT, EPAB, JPAB, DWPI, TDBD</p>	<p>ADJ</p>	<p>YES</p>	<p>DTIC</p>	<p>01-03-2012</p>

phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012

(phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012

titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and ink.ab.					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012

(formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink ) and (adhesion or adhesive or adhered).ab.					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. ) and (adhesion or adhesive or adhered).ab.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or	PGPB, USPT,	ADJ	YES	DTIC	01-03-2012

phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered).ab. ) not ((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and

EPAB,  
 JPAB,  
 DWPI,  
 TDBD

<p>(metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium) and (tetraisopropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)).ab. and (adhesion or adhesive or adhered) and ink and (adhesion or adhesive or adhered).ab. )</p>					
<p>((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetraisopropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and</p>	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012



(phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. ) and (ink or printing) near4 composition					
((ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic or phosphorus or phosphorous or organophosphorous) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) not (ketone near5 (formaldehyde or aldehyde)) and (phosphate or organophosphorus or phosphonate or phosphonic) and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium) and (ketone or formaldehyde or aldehyde).ab. and (metal or organometallic or tetrakispropyltitanate or titanate or titanium or organotitanate or titanium or zirconium).ab. and (phosphate or organophosphorus or phosphonate or phosphonic).ab. and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium) and (tetrakispropyltitanate or titanate or titanium or organotitanate or titanium).ab. and (ink or printing) near4 composition ) and polyurethane	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
printing ink and Degussa	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
(printing ink and Degussa ) and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012
(printing ink and Degussa and (ketone near5 (formaldehyde or aldehyde) near3 (resin or polymer or condensate)) ) and (polyamide or nylon or polyurethane or urethane)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	ADJ	YES	DTIC	01-03-2012